

AMENDMENT TO CLAIMS

Please amend the claims as follows:

1. (Currently amended) A magnetic recorder/reproducer comprising:

input signal converting means for modulating an input signal at a timing which corresponds to a predetermined number of tracks for each signal section to thereby convert said input signal into a recording signal; and

recording means for rotating a head cylinder at a rotational speed lower than such a rotational speed of said head cylinder that corresponds to said timing in said modulation,

wherein said recording means sets a rotational speed of said head cylinder so that each signal section may be subdivided into such a number of deletion tracks that is obtained by dividing said predetermined number of tracks for each signal section by an integer smaller than said number of tracks.

2. (Withdrawn) The magnetic recorder/reproducer according to Claim 1, further comprising:

reproducing means for reproducing a recording signal recorded on said recording tape by rotating said head cylinder at such a rotational speed of a head that is set by said recording means; and

output signal converting means for converting a reproduction signal output from said reproducing means into an output signal by performing demodulation processing at a timing which corresponds to said predetermined number of tracks for each signal section.

3. (Original) The magnetic recorder/reproducer according to Claim 1, wherein said recording means adjusts a transporting speed of said recording tape during recording corresponding to a set rotational speed of said head cylinder.

4. (Cancelled)

5. (Currently amended) The magnetic recorder/reproducer according to Claim [[4]]
1, further comprising:

first memory means;

first write control means for writing said recording signal into said first memory means at a write timing which corresponds to said predetermined number of tracks for each signal section;
and

first read control means for reading said recording signal stored in said first memory means at a timing that corresponds to said number of deletion tracks and then supplying said number to said recording means.

6. (Original) The magnetic recorder/reproducer according to Claim 5, wherein said first write control means finely adjusts said write timing.

7. (Original) The magnetic recorder/reproducer according to Claim 5, wherein said first read control means finely adjusts said read timing.

8. (Withdrawn) The magnetic recorder/reproducer according to Claim 2, wherein said reproducing means adjusts a transporting speed of said recording tape during reproduction corresponding to a set rotational speed of said head cylinder.

9. (Withdrawn) The magnetic recorder/reproducer according to Claim 8, further comprising:

second memory means;

second write control means for writing said reproduction signal into said second memory means at a write timing that corresponds to said number of deletion tracks; and

second read control means for reading said reproduction signal stored in said second memory means at a read timing that corresponds to said predetermined number of tracks for each signal section and then supplying said reproduction signal to said output signal converting means.

10. (Withdrawn) The magnetic recorder/reproducer according to Claim 9, wherein said second write control means finely adjusts said write timing.

11. (Withdrawn) The magnetic recorder/reproducer according to Claim 9, wherein said read control means according to Claim 2 finely adjusts said read timing.

12. (Withdrawn) The magnetic recorder/reproducer according to Claim 1, wherein said input signal converting means selectively picks up an input signal of each of a plurality of signal sections and converts said input signal into a recording signal.

13. (Withdrawn) The magnetic recorder/reproducer according to Claim 12, wherein said recording means records said recording signal on said recording tape at a lowered recording rate of said recording signal.

14. (Withdrawn) The magnetic recorder/reproducer according to Claim 13, wherein said output signal converting means restores said recording rate lowered by said recording means to an original recording rate when converting said reproduction signal into said output signal.